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OCT 20 2009

In the Claims:

1. to 12. (canceled)

13. (currently amended) A descaler head comprising

a rotatable central support shaft;

at least one pair of disc-shaped plates mounted on said shaft for rotation therewith, each said plate having a pair of diametrically disposed deformed sections directed in opposite directions relative to each other, each said deformed section being twisted about an axis passing through a center of said respective plate ; and

a plurality of descaler parts mounted peripherally of and between said pair of disc-shaped plates at a distance from said shaft, each said descaler part extending outwardly of said pair of disc-shaped plates with said descaler parts mounted on said deformed sections being longitudinally offset relative to the remainder of said descaler parts whereby upon rotation of said shaft said descaler parts descale overlapping sections on a surface to be descald.

14. (currently amended) A descaler head as set forth in claim 13 ~~claim 4~~ wherein said descaler elements define a spiral shaped pattern about said shaft.

15. (currently amended) A descaler head as set forth in claim 13 ~~claim 4~~ each said plate has one of an incision and groove on diametrically opposite sides thereof to form two disc halves with the two disc halves being deformed in mutually opposite directions.

16. (currently amended) A descaler head as set forth in claim 15 ~~claim 4~~ wherein said one of an incision and groove is of a radial length equal to about half of a radius of said plate.

17. (currently amended) A descaler head as set forth in claim 13 ~~claim 1~~ wherein each descaler part includes a plurality of interconnected chain links with an innermost chain link being exchangeable fitted to said plates.

18. (currently amended) A descaler head comprising

a rotatable central support shaft;

a plurality of pairs of disc-shaped plates mounted on said shaft in spaced apart axial relation for rotation therewith, each said plate having a pair of diametrically disposed deformed sections directed in opposite directions relative to each other, each said deformed section being twisted about an axis passing through a center of said respective plate; and

a plurality of descaler parts mounted peripherally of and between each said pair of disc-shaped plates at a distance from said shaft, each said descaler part extending outwardly of a respective said pair of disc-shaped plates with said descaler parts mounted on said deformed sections being longitudinally offset relative to the remainder of said descaler parts whereby upon rotation of said shaft said descaler parts descale overlapping sections on a surface to be descaled.

19. (previously presented) A descaler head as set forth in claim 18 wherein said descaler elements between each respective pair of plates define a spiral shaped pattern about said shaft.

20. (previously presented) A descaler head as set forth in claim 18 each said plate has one of an incision and groove on diametrically opposite sides thereof to form two disc halves with the two disc halves being deformed in mutually opposite directions.

21. (previously presented) A descaler head as set forth in claim 20 wherein said one of an incision and groove is of a radial length equal to about half of a radius of a respective plate.

22. (previously presented) A descaler head as set forth in claim 18 wherein each descaler part includes a plurality of interconnected chain links with an innermost chain link being exchangeable fitted to said plates.